

1/9/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat  
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14358524

Basic Patent (No,Kind,Date): WO 9821709 A1 19980522 <No. of Patents: 005>

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9739134 A1 19980603

APPLICATION OF SPLIT-AND DUAL-SCREEN LCD PANEL DESIGN IN CELLULAR  
PHONES (English)

Patent Assignee: INTEL CORP

Author (Inventor): SIMMERS CHARLES RUSSELL

Priority (No,Kind,Date): US 749486 A 19961115; WO 97US14026 W  
19970808

Applic (No,Kind,Date): AU 9739134 A 19970808

IPC: \* G09G-005/00; G09G-003/36; G06F-001/00; G06F-001/16; H04M-001/00

Derwent WPI Acc No: \* G 98-298215

Language of Document: English

CHINA (CN)

Patent (No,Kind,Date): CN 1246194 A 20000301

APPLICATION OF SPLIT- AND DUAL-SCREEN LCD PANEL DESIGN IN CELLULAR  
PHONE (English)

Patent Assignee: INTEL CORP (US)

Author (Inventor): SIMMERS C R (US)

Priority (No,Kind,Date): US 749486 A 19961115

Applic (No,Kind,Date): CN 97181330 A 19970808

IPC: \* G09G-005/00; G09G-003/36; G06F-001/00; G06F-001/16; H04M-001/00

Derwent WPI Acc No: \* G 98-298215

Language of Document: Chinese

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 1019896 A1 20000719

APPLICATION OF SPLIT-AND DUAL-SCREEN LCD PANEL DESIGN IN CELLULAR  
PHONES (English; French; German)

Patent Assignee: INTEL CORP (US)

Author (Inventor): SIMMERS CHARLES RUSSELL (US)

Priority (No,Kind,Date): WO 97US14026 W 19970808; US 749486 A  
19961115

Applic (No,Kind,Date): EP 97936473 A 19970808

Designated States: (National) DE; FI; SE

IPC: \* G09G-005/00; G09G-003/36; G06F-001/00; G06F-001/16; H04M-001/00

Derwent WPI Acc No: \* G 98-298215

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 1019896 P 19961115 EP AA PRIORITY (PATENT  
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

US 749486 A 19961115  
EP 1019896 P 19970808 EP AA PCT-APPLICATION  
(PCT-ANMELDUNG)

WO 97US14026 W 19970808  
EP 1019896 P 19970808 EP AE EP-APPLICATION  
(EUROPAEISCHE ANMELDUNG)

EP 97936473 A 19970808  
EP 1019896 P 20000719 EP AK DESIGNATED CONTRACTING  
STATES IN AN APPLICATION WITH SEARCH REPORT:  
(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

DE FI SE  
EP 1019896 P 20000719 EP A1 PUBLICATION OF APPLICATION  
WITH SEARCH REPORT (VEROEFFENTLICHUNG DER  
ANMELDUNG MIT RECHERCHENBERICHT)

EP 1019896 P 20000719 EP 17P REQUEST FOR EXAMINATION  
FILED (PRUEFUNGSANTRAG GESTELLT)

## UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5841431 A 19981124  
 APPLICATION OF SPLIT- AND DUAL-SCREEN LCD PANEL DESIGN IN CELLULAR  
 PHONES (English)  
 Patent Assignee: INTEL CORP (US)  
 Author (Inventor): SIMMERS CHARLES RUSSELL (US)  
 Priority (No,Kind,Date): US 749486 A 19961115  
 Applic (No,Kind,Date): US 749486 A 19961115  
 National Class: \* 345211000; 345103000; 364705050; 364707000;  
 364708100  
 IPC: \* G09G-005/00; G09G-003/36; G06F-001/00; G06F-001/16  
 Derwent WPI Acc No: \* G 98-298215  
 Language of Document: English

## UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):  
 US 5841431 P 19961115 US AE APPLICATION DATA (PATENT)  
 (APPL. DATA (PATENT))  
 US 749486 A 19961115  
 US 5841431 P 19961115 US AS02 ASSIGNMENT OF ASSIGNOR'S  
 INTEREST  
 INTEL CORPORATION 2200 MISSION COLLEGE BLVD.  
 SANTA CLARA, CALIFORNIA 95052 ; SIMMERS,  
 CHARLES RUSSELL : 19961114  
 US 5841431 P 19981124 US A PATENT  
 US 5841431 P 20010213 US RF REISSUE APPLICATION FILED  
 (REISSUE APPL. FILED)  
 20001122

## WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9821709 A1 19980522  
 APPLICATION OF SPLIT-AND DUAL-SCREEN LCD PANEL DESIGN IN CELLULAR  
 PHONES (English)  
 Patent Assignee: INTEL CORP (US)  
 Author (Inventor): SIMMERS CHARLES RUSSELL  
 Priority (No,Kind,Date): US 749486 A 19961115  
 Applic (No,Kind,Date): WO 97US14026 A 19970808  
 Designated States: (National) AL; AM; AT; AU; AZ; BA; BB; BG; BR;  
 BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; FR; GB;  
 GE; GH; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;  
 LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;  
 SK; SL; TJ; TM; TR; UA; UG; UZ; VN; YU; ZW; AM; AZ; BY; KG;  
 KZ; MD; RU; TJ; TM (Regional) GH; KE; LS; MW; SD; SZ; UG; ZW; AT;  
 BE; CH; DE; DK; ES; FI; FR; GB  
 Filing Details: WO 100000 With international search report  
 IPC: \* G09G-005/00; G09G-003/36; G06F-001/00; G06F-001/16; H04M-001/00  
 Derwent WPI Acc No: \* G 98-298215; G 98-298215  
 Language of Document: English

## WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):  
 WO 9821709 P 19961115 WO AA PRIORITY (PATENT)  
 US 749486 A 19961115  
 WO 9821709 P 19970808 WO AE APPLICATION DATA (APPL.  
 DATA)  
 WO 97US14026 A 19970808  
 WO 9821709 P 19980522 WO AK DESIGNATED STATES CITED IN A  
 PUBLISHED APPLICATION WITH SEARCH REPORT  
 (DESIGNATED STATES CITED IN A PUBLISHED APPL.  
 WITH SEARCH REPORT)  
 AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
 CZ DE DK EE ES FI FR GB GE GH HU  
 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
 SI SK SL TJ TM TR TT UA UG UZ VN YU ZW AM  
 AZ BY KG KZ MD RU TJ TM

WO 9821709	P	080522	WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT) GH KE LS MW SD SZ UG ZW AT BE CH DE DK ES FI FR GB
WO 9821709	P	19980522	WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9821709	P	19980702	WO DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
WO 9821709	P	19981007	WO 121	EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))
WO 9821709	P	19990916	DE 8642/REG	IMPACT ABOLISHED FOR DE (WIRKUNG WEGGEFALLEN FUER DE)
WO 9821709	P	20000515	WO NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: CA

5841431 OR 5,841,431

LEXIS-NEXIS  
Library: PATENT  
File: JNLS

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5841431 OR 5,841,431

LEXIS-NEXIS  
Library: NEWS  
File: CURNWS

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For further explanation, press the H key (for HELP) and then the ENTER key.

1/3 LGST (1/1) - (C) LEGSTAT

PN - US 5841431 [US5841431]

AP - US 749486/96 19961115 [1996US-0749486]

DT - US-P

ACT - 19961115 US/AE-A

APPLICATION DATA (PATENT)

{US 749486/96 19961115 [1996US-0749486]}

- 19961115 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

INTEL CORPORATION 2200 MISSION COLLEGE BLVD. SANTA CLARA, CALIFORNIA

95052 \* SIMMERS, CHARLES RUSSELL : 19961114

- 19981124 US/A

PATENT

- 20010213 US/RF

REISSUE APPLICATION FILED

20001122

UP - 2001-07

2/3 CRXX (1/1) - (C) CLAIMS/RRX

AN - 3076896

PN - 5,841,431 D 19981124 [US5841431]

PA - Intel Corp

PT - E (Electrical)

ACT - 20001122 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20010213

REISSUE REQUEST NUMBER: 09/721790

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2675

Reissue Patent Number:

UP - 2001-07

UACT- 2001-02-13

3/3 PAST (1/1) - (C) PAST

AN - 200107-001240

PN - 5841431 A [US5841431]

DT - A (UTILITY)

OG - 2001-02-13

CO - REA

ACT - REISSUE APPLICATION FILED

SH - REISSUE APPLICATION FILED

5841431 OR 5,841,431

LEXIS-NEXIS  
Library: PATENT  
File: CASES

Your search request has found no CASES.

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To enter a new search request, type it and press the ENTER key.

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For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL - 1 OF 1 PATENT

5,841,431

<=2> GET 1st DRAWING SHEET OF 6

Nov. 24, 1998

LEXIS-NEXIS  
Library: PATENT  
File: ALL

Application of split- and dual-screen LCD panel design in  
cellular phones

REISSUE: Reissue Application filed Nov. 22, 2000 (O.G. Feb. 13, 2001) Ex. Gp.:  
2675; Re. S.N. 09/721,790

CORE TERMS: driver, panel, display, segment, sub-panel, pixel, shell, pin,  
controller, input...